



ENTERED

OIPE

RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/933,638A

TIME: 14:16:04

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF3\05172002\I933638A.raw

4 <110> APPLICANT: Kazantsev, Aleksey G.
5 Thompson, Leslie M.
6 Housman, David E.
8 <120> TITLE OF INVENTION: INHIBITION OF PROTEIN-PROTEIN INTERACTION
10 <130> FILE REFERENCE: 01997-289001
12 <140> CURRENT APPLICATION NUMBER: US 09/933,638A
13 <141> CURRENT FILING DATE: 2001-08-20
15 <150> PRIOR APPLICATION NUMBER: US 60/226,502
16 <151> PRIOR FILING DATE: 2000-08-18
18 <160> NUMBER OF SEQ ID NOS: 12
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 6
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Synthetically generated peptide
30 <400> SEQUENCE: 1
31 Val Gln Ile Val Tyr Lys
32 1 5
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 9
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Synthetically generated peptide
42 <400> SEQUENCE: 2
43 Leu Lys Thr Ile Ala Leu Arg Ala Arg
44 1 5
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 13
48 <212> TYPE: PRT
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Synthetically generated peptide
54 <400> SEQUENCE: 3
55 Glu Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg
56 1 5 10
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 11
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 05/17/2002
 PATENT APPLICATION: US/09/933,638A TIME: 14:16:04

Input Set : A:\SEQUENCE LISTING.TXT
 Output Set: N:\CRF3\05172002\I933638A.raw

64 <223> OTHER INFORMATION: Synthetically generated peptide
 66 <400> SEQUENCE: 4
 67 Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe
 68 1 5 10
 70 <210> SEQ ID NO: 5
 71 <211> LENGTH: 19
 72 <212> TYPE: PRT
 73 <213> ORGANISM: Artificial Sequence
 75 <220> FEATURE:
 76 <223> OTHER INFORMATION: Synthetically generated peptide
 78 <400> SEQUENCE: 5
 79 Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys Gly
 80 1 5 10 15
 81 Phe Arg Lys
 84 <210> SEQ ID NO: 6
 85 <211> LENGTH: 60
 86 <212> TYPE: PRT
 87 <213> ORGANISM: Artificial Sequence
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: Synthetically generated peptide
 92 <400> SEQUENCE: 6
 93 Leu Lys Thr Ile Ala Leu Arg Ala Arg Asn Ala Glu Tyr Asn Pro Lys
 94 1 5 10 15
 95 Arg Phe Ala Ala Val Ile Met Arg Ile Arg Glu Pro Arg Thr Thr Ala
 96 20 25 30
 97 Leu Ile Phe Ser Ser Gly Lys Met Val Cys Thr Gly Ala Lys Ser Glu
 98 35 40 45
 99 Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg
 100 50 55 60
 102 <210> SEQ ID NO: 7
 103 <211> LENGTH: 54
 104 <212> TYPE: PRT
 105 <213> ORGANISM: Artificial Sequence
 107 <220> FEATURE:
 108 <223> OTHER INFORMATION: Synthetically generated peptide
 110 <400> SEQUENCE: 7
 111 Glu Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg Val Val Gln
 112 1 5 10 15
 113 Lys Leu Gly Phe Pro Ala Lys Phe Leu Asp Phe Lys Ile Gln Asn Met
 114 20 25 30
 115 Val Gly Ser Cys Asp Val Lys Phe Pro Ile Arg Leu Glu Gly Leu Val
 116 35 40 45
 117 Leu Thr His Gln Gln Phe
 118 50
 120 <210> SEQ ID NO: 8
 121 <211> LENGTH: 69
 122 <212> TYPE: PRT
 123 <213> ORGANISM: Artificial Sequence
 125 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 05/17/2002
 PATENT APPLICATION: US/09/933,638A TIME: 14:16:04

Input Set : A:\SEQUENCE LISTING.TXT
 Output Set: N:\CRF3\05172002\I933638A.raw

```

126 <223> OTHER INFORMATION: Synthetically generated peptide
128 <400> SEQUENCE: 8
129 Arg Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu
130 1 5 10 15
131 Pro Glu Leu Phe Pro Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile
132 20 25 30
133 Val Leu Leu Ile Phe Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys
134 35 40 45
135 Val Arg Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu
136 50 55 60
137 Lys Gly Phe Arg Lys
138 65
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 18
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Synthetically generated primer
148 <400> SEQUENCE: 9
149 caacagcagc aacagcaa 18
151 <210> SEQ ID NO: 10
152 <211> LENGTH: 18
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Synthetically generated primer
159 <400> SEQUENCE: 10
160 ttgttgctgt tgctgctg 18
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 68
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Synthetically generated peptide
170 <400> SEQUENCE: 11
171 Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu Pro
172 1 5 10 15
173 Glu Leu Phe Pro Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile Val
174 20 25 30
175 Leu Leu Ile Phe Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys Val
176 35 40 45
177 Arg Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys
178 50 55 60
179 Gly Phe Arg Lys
180 65
182 <210> SEQ ID NO: 12
183 <211> LENGTH: 338
184 <212> TYPE: PRT
185 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/933,638A

TIME: 14:16:04

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF3\05172002\I933638A.raw

187 <400> SEQUENCE: 12

```

188 Met Asp Gln Asn Asn Ser Leu Pro Pro Tyr Ala Gln Gly Leu Ala Ser
189   1           5           10           15
190 Pro Gln Gly Ala Met Thr Pro Gly Ile Pro Ile Phe Ser Pro Met Met
191           20           25           30
192 Pro Tyr Gly Thr Gly Leu Thr Pro Gln Pro Ile Gln Asn Thr Asn Ser
193           35           40           45
194 Leu Ser Ile Leu Glu Glu Gln Gln Arg Gln Gln Gln Gln Gln Gln
195           50           55           60
196 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
197           65           70           75           80
198 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Ala
199           85           90           95
200 Val Ala Ala Ala Ala Val Gln Gln Ser Thr Ser Gln Gln Ala Thr Gln
201           100          105          110
202 Gly Thr Ser Gly Gln Ala Pro Gln Leu Phe His Ser Gln Thr Leu Thr
203           115          120          125
204 Thr Ala Pro Leu Pro Gly Thr Thr Pro Leu Tyr Pro Ser Pro Met Thr
205           130          135          140
206 Pro Met Thr Pro Ile Thr Pro Ala Thr Pro Ala Ser Glu Ser Ser Gly
207           145          150          155          160
208 Ile Val Pro Gln Leu Gln Asn Ile Val Ser Thr Val Asn Leu Gly Cys
209           165          170          175
210 Lys Leu Asp Leu Lys Thr Ile Ala Leu Arg Ala Arg Asn Ala Glu Tyr
211           180          185          190
212 Asn Pro Lys Arg Phe Ala Ala Val Ile Met Arg Ile Arg Glu Pro Arg
213           195          200          205
214 Thr Thr Ala Leu Ile Phe Ser Ser Gly Lys Met Val Cys Thr Gly Ala
215           210          215          220
216 Lys Glu Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg Val Val
217           225          230          235          240
218 Gln Lys Leu Gly Phe Pro Ala Lys Phe Leu Asp Phe Lys Ile Gln Asn
219           245          250          255
220 Met Val Gly Ser Cys Asp Val Lys Phe Pro Ile Arg Leu Glu Gly Leu
221           260          265          270
222 Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu Pro Glu Leu Phe Pro
223           275          280          285
224 Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile Val Leu Leu Ile Phe
225           290          295          300
226 Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys Val Arg Ala Glu Ile
227           305          310          315          320
228 Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys Gly Phe Arg Lys
229           325          330          335
230 Thr Thr

```

VERIFICATION SUMMARY DATE: 05/17/2002
PATENT APPLICATION: US/09/933,638A TIME: 14:16:05

Input Set : A:\SEQUENCE LISTING.TXT
Output Set: N:\CRF3\05172002\I933638A.raw